

NPIC/R-1609/64

November 1964

PHOTOGRAPHIC INTERPRETATION REPORT

I P I R

3960

31 OCTOBER 1964

25X1A

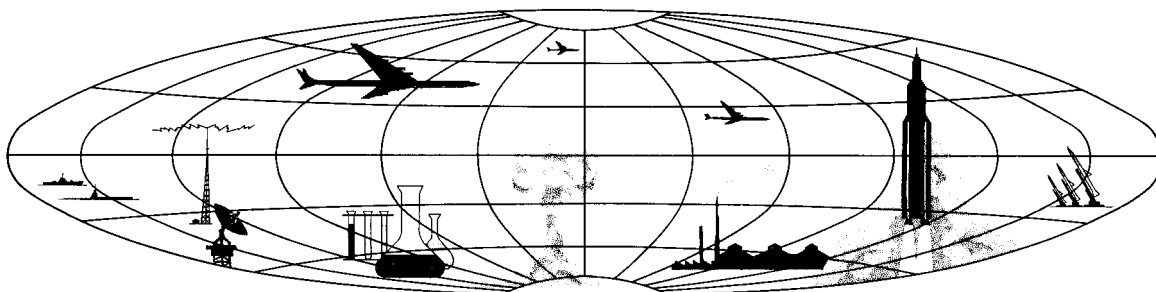


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25X1A

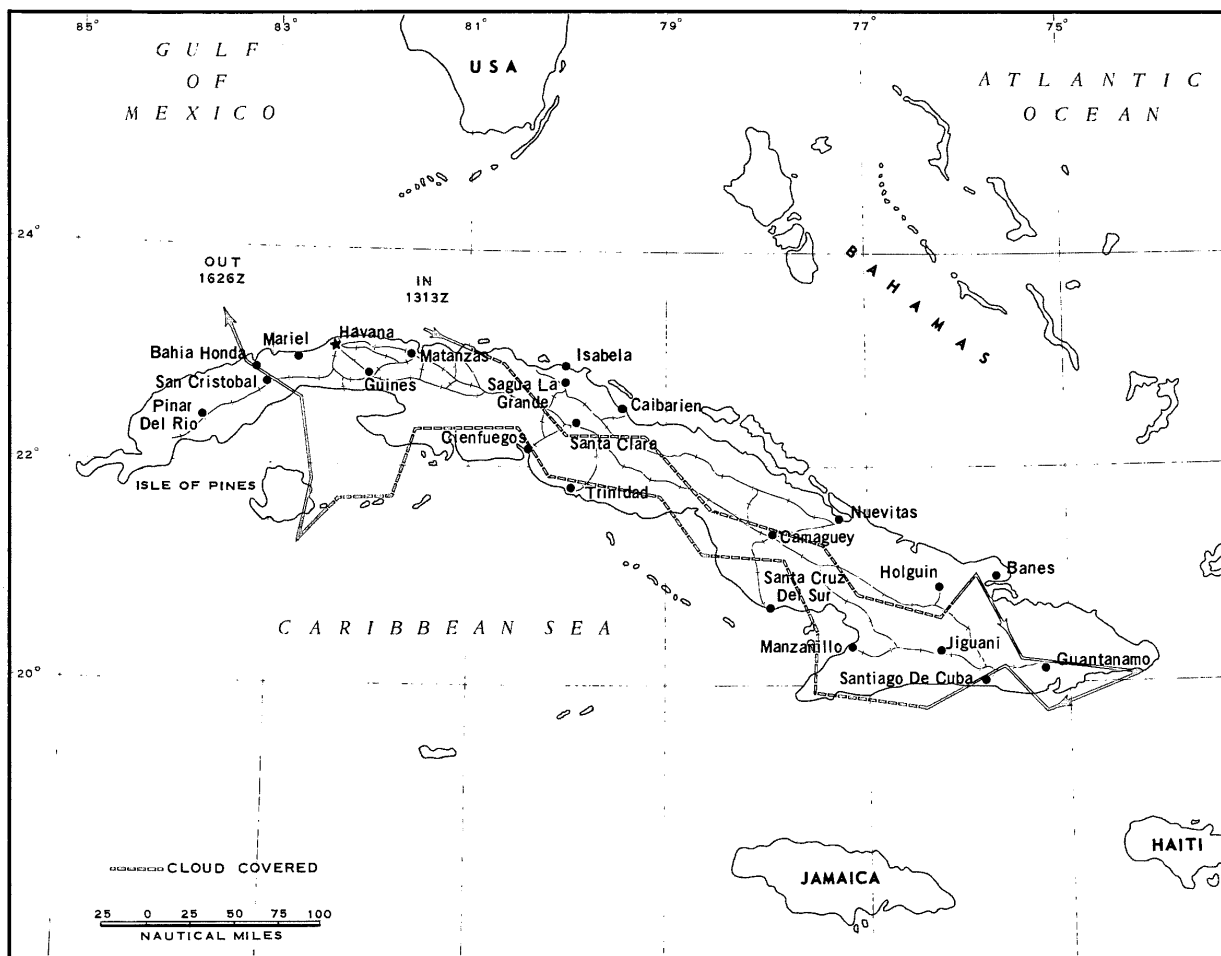
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 3960, DATED 31 OCT 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

HEAVY CLOUD-COVER PREVAILED THROUGHOUT THE AREA OF THE MISSION TRACK WESTWARD FROM APPROXIMATELY 77 DEGREES LONGITUDE.

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25X1A

NPIC J-5063 (10/64)

APPROXIMATE TRACK OF [REDACTED] MISSION 3960 31 OCTOBER 1964

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MISSILES

25X1A

[REDACTED] LOS ANGELES SAM SITE 2100N 07541W

SIX UNREVIEWED LAUNCHERS (5 CANVAS-COVERED),
4 CANVAS-COVERED MISSILE TRANSPORTERS,
8 PROBABLE TRACKED PRIME MOVERS, AT LEAST
7 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE
AREA WITH RADAR AND SHED-COVERED EQUIPMENT
OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[REDACTED] 25X1D

25X1A

[REDACTED] SIGUANEA SAM SITE 2137N 08257W

SIX LAUNCHERS (5 REVIEWED, 4 CANVAS-COVERED),
8 CANVAS-COVERED MISSILE TRANSPORTERS, 10 TRACKED
PRIME MOVERS, 16 OTHER VEHICLES, AND A GUIDANCE
REVIEWMENT WITH RADAR AND CANVAS-COVERED
EQUIPMENT OBSERVED.
AREA SSE -- 8 PROBABLE TRACKED PRIME MOVERS,
3 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, AND 2
OTHER VEHICLES OR PIECES OF EQUIPMENT.
AREA NW -- 6 CARGO TRUCKS AND 10 PROBABLE FA PIECES.

[REDACTED] 25X1D

25X1A

[REDACTED] SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNREVIEWED LAUNCHERS (3 WITH MISSILES),
7 CANVAS-COVERED MISSILE TRANSPORTERS, AT LEAST
8 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 3
VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND
SHED-COVERED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[REDACTED] 25X1D

25X1A

[REDACTED] SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

TWENTY-ONE MISSILE TRANSPORTERS WITHOUT PRIME
MOVERS, 6 FLATBED TRAILERS WITHOUT PRIME MOVERS,
21 TRUCK TRACTORS, 6 TRACKED PRIME MOVERS,
59 CARGO TRUCKS, 19 VAN TRUCKS, 7 UTILITY TRUCKS,

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25 OTHER VEHICLES, AND 6 PROBABLE CARGO TRAILERS OBSERVED.
TWO ADDITIONAL LAUNCHERS, 7 VAN TRUCKS, AND 3 VAN TRAILERS REMAIN IN SAM TRAINING AREA.

[REDACTED] 25X1D

25X1A

[REDACTED] MALDONADO SAM SITE 2012N 07528W

SIX UNREVIEWED LAUNCHERS (3 WITH MISSILES), ONE MISSILE TRANSPORTER IN LAUNCH REVETMENT, A CANVAS-COVERED HOLD REVETMENT, 11 PROBABLE TRACKED PRIME MOVERS, ONE TRUCK TRACTOR, 4 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, AT LEAST 18 CANVAS-COVERED MISSILE CANISTERS, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[REDACTED] 25X1D

25X1A

[REDACTED] MAJANA SAM SITE 2241N 08249W

SIX UNREVIEWED LAUNCHERS, 6 MISSILE TRANSPORTERS (5 CANVAS-COVERED), 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND NET-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[REDACTED] 25X1D

25X1A

[REDACTED] PRESTON SAM SITE 2044N 07538W

SIX REVIEWED LAUNCHERS (3 CANVAS-COVERED), 7 MISSILE TRANSPORTERS (3 CANVAS-COVERED), 10 PROBABLE TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 3 PROBABLE VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[REDACTED] 25X1D

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25X1A

[REDACTED] SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

TWO REVETTED LAUNCHERS, 5 MISSILE TRANSPORTERS,
6 OTHER VEHICLES, 8 CRUISE-MISSILE CRATES, AND A
CANVAS-COVERED GUIDANCE AREA OBSERVED.

[REDACTED]

25X1D

25X1A

[REDACTED] SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W

TWENTY-SIX NET-COVERED CRUISE-MISSILE CRATES,
ONE MISSILE-RELATED VEHICLE, AND 2 CARGO TRUCKS
OBSERVED.

[REDACTED]

25X1D

25X1A

[REDACTED] MAYARI ARRIBA CRUISE-MISSILE ACTIVITY 2027N 07531W

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

[REDACTED]

25X1D

25X1A

AIR FACILITIES

[REDACTED] HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 20 FAGOT/FRESCO AND 2 HOUND OBSERVED
IN CLOUD-FREE AREAS.

[REDACTED]

25X1D

25X1A

[REDACTED] LOS CANOS AIRFIELD 2005N 07509W

AIRCRAFT -- ONE COLT.

[REDACTED]

25X1D

25X1A

[REDACTED] SIGUANEA AIRFIELD 2138N 08257W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

[REDACTED]

25X1D

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25X1A

[REDACTED] ANTONIO MACEDO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE CRATE, ONE C-47, ONE PROBABLE COLT,
ONE PROBABLE HOUND, ONE PROBABLE HARE, AND 2 LIAISON.

[REDACTED] 25X1D

25X1A

[REDACTED] COLONEL MARTIN MARRERRO AIRFIELD 2150N 08246W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

[REDACTED] 25X1D

NAVAL ACTIVITY/PORTS

25X1A

[REDACTED] SIGUANEA NAVAL BASE 2136N 08258W

VESSELS -- 2 YP AND ONE YACHT OBSERVED.

[REDACTED] 25X1D

25X1A

[REDACTED] BANES NAVAL BASE 2055N 07542W

VESSELS -- 4 P-4 MTB (2 AT SEA) AND ONE PROBABLE YP.

[REDACTED] 25X1D

25X1A

[REDACTED] SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

VESSELS -- 4 LARGE FREIGHTERS, ONE LARGE TANKER,
AND ONE COASTAL TANKER OBSERVED IN CLOUD-FREE AREAS.

[REDACTED] 25X1D

25X1A

[REDACTED] NUEVA GERONA PORT 2153N 08248W

NO LARGE VESSELS OBSERVED.

[REDACTED] 25X1D

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25X1A

BAHIA HONDA PORT 2255N 08310W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

ELECTRONICS/COMMUNICATIONS

SANTA FE RADAR SITE 2139N 08245W

FACILITIES INCLUDE 6 LARGE TENTS (4 NON-SOVIET) AND ONE MEDIUM TENT.
ONE TOKEN-TYPE, ONE POSSIBLE ROCK CAKE/STONE CAKE, AND ONE POSSIBLE KNIFE REST RADAR, ONE HF COMMUNICATIONS SITE, 2 CARGO TRUCKS, 5 VAN TRUCKS, 2 OTHER VEHICLES, AND 4 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED.

25X1D

LA SOCAPA RADAR SITE 1958N 07552W

25X1D

0.5 NM SE OF LA SOCAPA AT
(UTM
ONE LOW SIEVE RADAR AND ONE ASSOCIATED BUILDING OBSERVED.
(AMS SERIES E723, SHEET 5075-IV, 3D ED.)

25X1D

25X1D

MILITARY ACTIVITY

25X1A

GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
AREA 1 -- 70 PERCENT USEABLE COVERAGE.
AREA 2 -- 50 PERCENT USEABLE COVERAGE.
AREA 3 -- 50 PERCENT USEABLE COVERAGE.
AREAS 4-9 -- 95 PERCENT USEABLE COVERAGE.

25X1D

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25X1A

[REDACTED] HOLGUIN MILITARY CAMP 2053N 07613W

NO APPARENT CHANGE IN FACILITIES.
MAIN CAMP -- 20 TANKS/SP GUNS, 78 CARGO TRUCKS,
22 OTHER VEHICLES, AND 12 PROBABLE AAA PIECES.
AREA 0.6 NM SE -- 13 CARGO TRUCKS, 12 FA PIECES,
23 AAA PIECES, AND 16 POSSIBLE MORTARS.
AREA 2.2 NM SE -- 17 CARGO TRUCKS, 10 FA PIECES,
AND 3 PROBABLE MORTARS.
HAZE LIMITS INTERPRETATION.

[REDACTED] 25X1D

25X1A

[REDACTED] OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 32 TANKS/SP GUNS, 98 CARGO TRUCKS,
2 TANK TRUCKS, 6 VAN TRUCKS, ONE UTILITY TRUCK,
ONE BULLDOZER, 8 OTHER VEHICLES, ONE CARGO TRAILER,
23 FA PIECES, 22 AAA PIECES, 3 PROBABLE AAA PIECES,
38 MORTARS, AND APPROXIMATELY 60 PERSONNEL OBSERVED.

[REDACTED] 25X1D

25X1A

[REDACTED] ALTO CEDRO MILITARY CAMP 2029N 07600W

AREA 1 -- ONE POSSIBLE UTILITY TRUCK.
AREA 2 -- ONE PROBABLE CARGO TRUCK.
AREA 3 -- 26 CARGO TRUCKS, 4 FA PIECES, 3 AAA PIECES,
AND 3 PROBABLE MORTARS.
AREA 4 -- 6 UNIDENTIFIED VEHICLES AND 8 UNIDENTIFIED
PIECES OF EQUIPMENT.
AREA 5 -- 23 UNIDENTIFIED VEHICLES AND 17 POSSIBLE FA
PIECES.
AREA 6 -- 13 UNIDENTIFIED VEHICLES AND
11 UNIDENTIFIED PIECES OF EQUIPMENT.
AREA 7 -- IDENTIFICATION ONLY.
AREA 8 -- 31 UNIDENTIFIED VEHICLES.
AREA 9 -- 21 CARGO TRUCKS AND 3 POSSIBLE FA PIECES
OBSERVED IN CLOUD-FREE AREAS.
AREA 10 -- AT LEAST 6 CARGO TRUCKS OBSERVED
IN CLOUD-FREE AREAS.

[REDACTED] 25X1D

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25X1A

EL CRISTO MILITARY INSTALLATION 2008N 07547W

NO APPARENT CHANGE IN FACILITIES IN EITHER AREA.
MAIN CAMP -- 24 CARGO TRUCKS AND 6 FA PIECES.
CAMP 1.6 NM NE -- 3 PROBABLE CARGO TRUCKS.

25X1D

25X1A

MACAGUA MILITARY CAMP 2050N 07610W

SIXTEEN PROBABLE CARGO TRUCKS OBSERVED.
HAZE LIMITS INTERPRETATION.

25X1D

25X1A

HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.
NINETEEN TANKS/SP GUNS, 6 CARGO TRUCKS, AND
11 PROBABLE AAA PIECES OBSERVED.

25X1D

25X1A

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

BOTH AREAS SHOW NO APPARENT CHANGE IN FACILITIES.
MAIN CAMP -- 32 CARGO TRUCKS AND 7 MORTARS.
CAMP ONE NM NORTH -- 10 CARGO TRUCKS AND 7 MORTARS.

25X1D

25X1A

TACAJO MILITARY CAMP 2051N 07558W

AREA 1 -- NO ACTIVITY OBSERVED.
AREA 2 -- 30 CARGO TRUCKS AND 3 PROBABLE AAA PIECES.
AREA 3 -- 21 CARGO TRUCKS AND 15 AAA PIECES/MORTARS.
AREA 4 -- 11 CARGO TRUCKS AND 11 FA PIECES.
AREA 5 -- NO ACTIVITY OBSERVED.
AREA 6 -- 25 PROBABLE CARGO TRUCKS, AT LEAST
10 OTHER VEHICLES, AND 13 PROBABLE FA PIECES.
AREA 7 -- 18 PROBABLE TANKS/SP GUNS.

25X1D

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25X1A

[REDACTED] DOS CAMINOS MILITARY TRAINING AREA 2014N 07547W

NO APPARENT CHANGE IN FACILITIES.
FIFTEEN PROBABLE TRACKED PRIME MOVERS, 74 CARGO
TRUCKS, 28 FA PIECES, 31 AAA PIECES, AND
26 MORTARS OBSERVED IN CLOUD-FREE AREAS.

[REDACTED] 25X1D

25X1A

[REDACTED] LA VEGUITA MILITARY CAMP 2049N 07615W

EIGHT PROBABLE FA PIECES OBSERVED.

[REDACTED] 25X1D

25X1A

[REDACTED] CUABITAS MILITARY CAMP 2003N 07548W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 9 TANKS/SP GUNS, 13 CARGO TRUCKS, AND
10 AAA PIECES OBSERVED.

[REDACTED] 25X1D

25X1A

[REDACTED] SIBONEY LANDING BEACH 1957N 07542W

NO NEW MILITARY ACTIVITY OR EQUIPMENT OBSERVED.

[REDACTED] 25X1D

25X1A

[REDACTED] MAR VERDE LANDING BEACH 1957N 07557W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

25X1A 25X1D

OTHER ACTIVITY

[REDACTED]

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

25X1A

SAN CRISTOBAL MRBM SITE 3	2242N 08308W
SAN CRISTOBAL MRBM SITE 4	2246N 08258W
HOLGUIN RADAR SITE	2048N 07618W
SANTIAGO DE CUBA RADAR SITE	1959N 07551W
LA VEGA MILITARY CAMP	2053N 07552W
LA PELUDA STORAGE AREA	2019N 07548W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W
NICARO LANDING BEACH	2042N 07533W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

25X1A

MARIEL SAM SITE 2	2300N 08248W
BANES CRUISE-MISSILE SITE	2058N 07538W
SAN ANTONIO DE LOS BANOS AIRFIELD	2252N 08230W
PLAYA BARACOA AIRFIELD	2302N 08234W
CABANAS NAVAL BASE	2258N 08258W
BAHIA HONDA RADAR SITE	2258N 08311W
LA FLORA MILITARY CAMP	2252N 08233W
ARTEMISA MILITARY CAMP	2250N 08248W
GUAYABAL MILITARY CAMP	2254N 08237W
MATANZAS LANDING BEACH	2301N 08126W

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